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CONTRACT NAS5-21858

Type I Progress Report September 1 - October 31, 1972

Discipline and Sub-Disciplines: 8. Interpretation Techniques Development

C. Classification and Pattern Recognition

- a. Studies of Images of Short Lived Events Using ERTS Data
Proposal number 128
- b. Dr. William A. Deutschman OT-002
- c. The only problem is the lack of data from the ERTS Data Center. We ordered our first frames of data on October 4, 1972. We have not received that data yet, even though Mr. E. Szajna and Mr. R. Feinberg are giving the order their personal attention. Mr. Feinberg sent me 3 color prints and 1 color transparency, but no 70 mm. film chips have arrived yet. Until they do we will not be able to begin any meaningful reductions. We are also hampered by the late arrival and incompleteness of the U. S. and Non-U. S. Standard Catalogs. We must order our data after-the-fact and hence we must wait as much as 8 weeks to place an order. Calls to the User Services have not been very successful.
- d. We have established our procedures for evaluating events and transmitting the Event Notification Reports to the ERTS Project. We have evaluated 42 events and issued 28 ENR's. We recommended two of these events, ENR 29 - Reunion Volcano, and ENR 30 - South Pacific Typhoon Damage, for ERTS coverage but as yet we do not know if it was scheduled.
- e. None at present.
- f. N. A.
- g. I recommend that retrospective orders receive at least as much priority as standing orders. It is unacceptable to wait 6 to 8 weeks to obtain data when the entire contract only lasts 60 weeks. I also recommend that the quality of the microfilm catalogs be improved. It is nearly impossible to evaluate many of the pictures because of their high contrast. We must therefore guess if the short-lived event is visible or under the cloud cover when we place our orders.
- h. None

(E72-10183) STUDIES OF IMAGES OF SHORT
LIVED EVENTS USING ERTS DATA PROGRESS
Report, 1 Sep. - 31 Oct. 1972 W.A.
Deutschman (Smithsonian Astrophysical
Observatory) 31 Oct. 1972 2 p CSCL 05B G3/13

Unclass
00183

N73-10362

i. N. A.

j. October 4, 1972 ordered scenes:

1005-15005

1005-15002

1002-21310

1003-21355

1003-18175

k. The funds remaining in the contract are not adequate to continue beyond the next reporting period, based on the partial release of funding.

